



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

Institute for Transuranium Elements

**KARLSRUHER NUKLIDKARTE**  
**COMMEMORATION OF THE 50<sup>TH</sup> ANNIVERSARY**

**AGENDA**

**09 December**

10:00-10:05	WELCOME AND INTRODUCTION	R. SCHENKEL	EUROPEAN COMMISSION - JOINT RESEARCH CENTRE
10:05-10:10	WELCOME FROM CITY KARLSRUHE	M. MERKEN	DEPUTY MAYOR KARLSRUHE
10:10-10:15	WELCOME FROM FORSCHUNGS-ZENTRUM KARLSRUHE (FZK)	P. FRITZ	MEMBER OF THE EXECUTIVE BOARD, FORSCHUNGSZENTRUM KARLSRUHE
10:15-10:45	NUCLIDE CHART HISTORY	C. NORMAND	JOINT RESEARCH CENTRE – INSTITUTE FOR TRANSURANIUM ELEMENTS
10:45-11:15	EVOLUTION OF THE UNIVERSE	F.K. THIELEMANN	UNIVERSITY OF BASEL
11:15-11:30	<b>COFFEE BREAK</b>		
11:30-12:00	ANTIPARTICLES & ANTIMATTER	A. ZICHICHI	CERN
12:00-12:30	APPLICATION OF ALPHA-EMITTERS FOR CANCER THERAPY	A. MORGENSTERN	JOINT RESEARCH CENTRE – INSTITUTE FOR TRANSURANIUM ELEMENTS
12:30-13:00	APPLICATION OF NUCLEAR SCIENCE TO CULTURAL HERITAGE	W. KUTSCHERA	UNIVERSITY OF VIENNA
13:00-14:30	<b>BUFFET LUNCH</b>		
	<b>PRESS BRIEFING</b>	MEDIA	
14:30-15:00	BETA-DELAYED CHARGED PARTICLES	M.J. GARCIA BORGE	CSIC, INSTITUTO DE ESTRUCTURA DE LA MATERIA
15:00-15:30	CHEMISTRY OF SUPERHEAVY ELEMENTS	A. TÜRLER	UNIVERSITY OF MUNICH
15:30-16:00	SUPER- AND HYPERDEFORMED ISOMERIC STATES	A. MARINOV	RACAH INSTITUTE OF PHYSICS, UNIVERSITY OF JERUSALEM
16:00-16:30	HEAVIEST NUCLEI	Y. OGANESSIAN	FLEROV LABORATORY OF NUCLEAR REACTIONS
16:30-16:45	<b>COFFEE BREAK</b>		
16:45-17:15	BETA DECAY AND STELLAR NUCLEOSYNTHESIS	F. BOSCH	HELMHOLTZZENTRUM FÜR SCHWERIONENFORSCHUNG
17:15-17:45	KATRIN: HUNTING NEUTRINO MASSES	G. DREXLIN	INSTITUT FOR NUCLEAR PHYSICS, FORSCHUNGSZENTRUM KARLSRUHE
17:45-18:00	CONCLUSIONS	R. SCHENKEL	EUROPEAN COMMISSION - JOINT RESEARCH CENTRE
	<b>GOLDEN BOOK</b>	TH. FANGHÄNEL	
18:30	<b>RECEPTION</b>		

**10 December**

09:00-11:00	<b>VISIT ITU LABORATORIES &amp; KATRIN LABORATORY FORSCHUNGSZENTRUM KARLSRUHE</b>	OPTIONAL
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